THE PORT AUTH...

WTCI-335-P

To: Frank Boyce, Asbestos Project Coordinator, World Trade Center
From: Charles L. Agro
Date: May 16, 1990
Subject: ONE AND TWO WORLD TRADE CENTER, 6th FLOOR CATWALKS - IMMEDIATE RESPONSE CONDITION (IRC) NOTIFICATION

W.O.31

Copy To: K. Apgar, J.E. Davison, C. Gannon, J. Panebianco, H.R. Pool, Jr., P. Taylor

Relative to the Asbestos Management and Compliance Division's on-going asbestos survey at the World Trade Center, the following sites have been designated to be an IRC as of Tuesday, April 10, 1990:

Location	Area
One World Trade Center	6th Floor Catwalks
Two World Trade Center	6th Floor Catwalks

Air sampling was conducted at the above locations by the Asbestos Management and Compliance Division, and all samples analyzed were found to be within current federal standards. Notifications have been made to facility staff with recommendations presented for remedial action.

An IRC exists if there is an unavoidable risk potential due to the disturbance of asbestos fallout material separated from initial installation, deteriorated condition of existing asbestos material, high risk of contract and/or the possibility of causing unacceptable levels of airborne asbestos fibers in areas frequented by employees and/or patrons. Air sampling is initiated in all areas rated as IRC. Redesignation of these locations will take place after remedial steps are taken to eliminate the Immediate Response Condition. Follow-up inspections and notifications related to these areas will occur as necessary.

We are available to provide you with any assistance you may need on this matter. If you have any questions, please contact me at JSTC 201-963-7473.

Charles L. Agro, Supervisor
Asbestos Operations
Asbestos Management and Compliance Division

PLAINTIFF'S EXHIBIT PX-788

SAMPLE NUMBER	LOCATION	RESULT
2WTC-23217A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR NORTHEAST QUADRANT ON CATWALK BY CORE.	<0.008 fibers/cc DATE: 04/10/90
2WTC-23220A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR NORTHWEST QUADRANT ON CATWALK BY CORE.	<0.008 fibers/cc DATE: 04/10/90
2WTC-23221A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR SOUTHEAST QUADRANT ON CATWALK BY CORE.	<0.008 fibers/cc DATE: 04/10/90
2WTC-23222A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR SOUTHWEST QUADRANT ON CATWALK BY CORE.	<0.008 fibers/cc DATE: 04/10/90

* NOTE: THE SYMBOL '<' MEANS: LESS THAN.

SAMPLE NUMBER	LOCATION	RESULT
1WTC-23207A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR SOUTHEAST QUADRANT NEAR CORE WALL.	<0.008 fibers/cc DATE: 04/09/90
1WTC-23208A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR NORTHEAST QUADRANT NEAR CORE WALL.	<0.008 fibers/cc DATE: 04/09/90
1WTC-23209A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR SOUTHWEST QUADRANT NEAR CORE WALL.	<0.008 fibers/cc DATE: 04/09/90
1WTC-23210A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM ON THE 6TH FLOOR NORTHWEST QUADRANT NEAR CORE WALL.	<0.009 fibers/cc DATE: 04/09/90

* NOTE: THE SYMBOL "<" MEANS: LESS THAN.

BUCKSLIP

TO: Joseph Panebianco
FROM: Frank Boyce
DATE: August 7, 1990
SUBJECT: WTC - CONTRACT 115.224 WORK ORDER # 999 P
SUITE 2601 EMERGENCY CLEANUP -One World Trade Center

REF:

COPY TO: C. Blackvell, J. Iglesias

On Tuesday , August 7, 1990, a ceiling leak occurred during the morning hours in Suite 2601, One World Trade Center. The leak was caused by an overflow in the proprietary air-conditioning system in the tenant space above the 27th Floor.

Immediately upon learning of the leak, I dispatched our work order asbestos abatement contractor, Asbestos Control Services, Inc. All charges for this work should be against our WTC-999 work order as part of Contract 115.224.

Frank Boyce

THE PORT AUTHORITY OF NY & NJ

Memorandum

TO: Frank Boyce, Project Administrator, World Trade Center
FROM: Charles L. Agro
DATE: August 10, 1990
SUBJECT: ONE WORLD TRADE CENTER, 26TH FLOOR, SUITE 2601: WATER LEAK AND LIMITED CEILING TILE COLLAPSE-RECLASSIFICATION OF THE IMMEDIATE RESPONSE CONDITION (IRC) AND POST IRC AIR SAMPLING.

COPY TO: K. Apgar, J.E. Davison, C. Doronin, M. Jakubek, J. Panebianco, R. Peduto, H.R. Pool, Jr., P. Taylor:

Please be advised that on Tuesday, August 7, 1990, a follow-up inspection of the Immediate Response Condition (IRC) at the subject location was conducted following clean-up and repair activities by the Port Authority's Asbestos Call-In Contractor, Asbestos Control Services, Inc.

On Tuesday, August 7, 1990, post IRC air samples were collected from the subject location. In accordance with regulatory guidelines utilizing Phase Contrast Microscopy, and in accordance with the NIOSH 7400 Method, Counting Rules B, the subject area is cleared for normal operations. A copy of the analytical results are attached for your review.

On Wednesday, August 8, 1990, Mr. Frank Boyce , was notified as to acceptable air results. Therefore the Immediate Response Condition has been reclassified to the following:

IMMEDIATE RESPONSE CONDITION AREA	RECLASSIFICATION
1 W.T.C. - 26th Floor, Suite 2601	Operations and Maintenance.

If you have any questions regarding these findings, please call me at PATHside (201) 963-7473.

Charles L. Agro, Supervisor
Asbestos Operations,
Asbestos Management&Compliance
Division

CLA/em

WORLD TRADE CENTER
BUILDING: 1
FLOOR: 26

LE ER	LOCATION	RESULT
1WTC-24678A	FINAL AIR MONITORING SAMPLE COLLECTED FROM SUITE # 2601 AT INTERSECTION OF COLUMNS 168 AND 211, MAIN OFFICE AREA.	<0.009 fibers/cc DATE: 08/07/90
1WTC-24679A	FINAL AIR MONITORING SAMPLE COLLECTED FROM SUITE # 2601 AT INTERSECTION OF COLUMNS 151 AND 206, OFFICE SPACE.	<0.009 fibers/cc DATE: 08/07/90

* NOTE: THE SYMBOL '<' MEANS: LESS THAN.

CHRONO FILE

THE PORT AUTHORITY OF NY & NJ — Memorandum

TO: Frank Boyce, Project Administrator, World Trade Center
FROM: Charles L. Agro
DATE: December 19, 1990
SUBJECT: ONE WORLD TRADE CENTER, 7TH FLOOR MECHANICAL EQUIPMENT ROOM: IMMEDIATE RESPONSE CONDITION (IRC) NOTIFICATION

COPY TO: K. Apgar, J.E. Davison, C. Doronin, A. Niedermeyer, J. Panebianco, H.R. Pool, Jr., P. Taylor

Relative to the Asbestos Management and Compliance Division's (AM&CD)asbestos re-survey at The World Trade Center, the following site has been designated to be IRC as of Thursday, December 6, 1990:

LOCATION:	AREA:
7th Floor Mechanical Equipment Room	Steam Riser Shaft

Air sampling was conducted at the above location by the AM&CD, and all samples collected and analyzed were found to be within current federal standards.

An IRC exists if there is an unavoidable risk potential due to the disturbance of asbestos fallout material separated from initial installation, deteriorated condition of existing asbestos material, high risk of contact and/or the possibility of causing unacceptable levels of airborne asbestos fibers in areas frequented by employees and/or patrons. Air sampling is initiated in all areas rated as IRC. Redesignation of these locations will take place after remedial steps are taken to eliminate the Immediate Response Condition. Follow-up inspections and notifications related to these areas will occur as necessary.

On Thursday, December 6, 1990, notification has been made to Ms. Cheryl Blackwell, Environmental Program Specialist, with recommendations presented for remedial action.

We are available to provide you with any assistance you may need on this matter. If you have any questions, please contact me at JSTC (201) 963-7473.

Charles L. Agro, Supervisor
Asbestos Operations,
Asbestos Management and
Compliance Division

AN/mt

THE PORT AUTHORITY OF NY & NJ

DISTRIBUTED

Memorandum

TO: Frank Boyce, Project Administrator, World Trade Center
FROM: Charles L. Agro
DATE: August 9, 1990
SUBJECT: RECLASSIFICATION OF THE IMMEDIATE RESPONSE CONDITION (IRC) AND POST IRC AIR SAMPLING.

COPY TO: K. Apgar, J.E. Davison, M. Denisen, M. Jakubek, J. Panebianco, H.R. Pool, Jr., P. Taylor:

Please be advised that on Tuesday, August 7, 1990, a follow-up inspection of the Immediate Response Conditions (IRC's) at the subject location was conducted following clean-up and repair activities by the Port Authority's Asbestos Call-In Contractor, Asbestos Control Services, Inc.

On Tuesday, August 7, 1990, post IRC air samples were collected from the subject location. In accordance with regulatory guidelines utilizing Phase Contrast Microscopy, and in accordance with the NIOSH 7400 Method, Counting Rules B, the subject area is cleared for normal operations. A copy of the analytical results are attached for your review.

On Wednesday, August 8, 1990, Mr. Frank Boyce, was notified as to acceptable air results. Therefore the Immediate Response Conditions have been reclassified to the following:

IMMEDIATE RESPONSE CONDITION AREA	RECLASSIFICATION
1 W.T.C. 28th Floor, Bank of Hawaii, Port Authority Audit Department	Controlled Condition/ Operation and Maintenance

If you have any questions regarding these findings, please call me at PATHside (201) 963-7473.

Charles L. Agro, Supervisor
Asbestos Operations,
Asbestos Management&Compliance
Division

CLA/em

WORLD TRADE CENTER
BUILDING: 1
FLOOR: 25

SAMPLE NUMBER	LOCATION	RESULT
1WTC-24672A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM SUITE 2529 AT INTERSECTION OF COLUMNS 334 AND 242. (FINAL AIR SAMPLE)	<0.009 fibers/cc DATE: 05/07/90
1WTC-24673A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM SUITE 2529 AT INTERSECTION OF COLUMNS 333 AND 242. (FINAL AIR SAMPLE)	<0.009 fibers/cc DATE: 05/07/90
1WTC-24674A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM SUITE 2529 AT INTERSECTION OF COLUMNS 333 AND 254. (FINAL AIR SAMPLE)	<0.009 fibers/cc DATE: 05/07/90
1WTC-24676A	ENVIRONMENTAL AIR SAMPLE COLLECTED FROM SUITE 2567 AT INTERSECTION OF COLUMNS 326 AND 255. (FINAL AIR SAMPLE)	<0.009 fibers/cc DATE: 05/07/90

* NOTE: THE SYMBOL "<" MEANS: LESS THAN.

THE PORT AUTHORITY OF NY & NJ

Port Authority Technical Center
241 Erie Street-Suite 306A
Jersey City, N.J 07310-1397

Asbestos Management Division
(201) 216-2772

November 06, 1992

United States Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10007
Attn: NESHAPS COORDINATOR

RE: ONE WORLD TRADE CENTER, 17TH FLOOR

Gentlemen:

Our emergency notification for the asbestos abatement work done at ONE WORLD TRADE CENTER, 17TH FLOOR is attached.

Kindly contact me if you have any questions.

Sincerely,

fp/ Camille Dorsini
Philip G. Leahy
Manager,
Asbestos Management Division
The Port Authority of NY & NJ

cc: Project File
Notification File

PGL/mt

U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF DEMOLITION AND RENOVATION

Operator Project #: 999.AAA	Postmark:	Date Received:	Notification #:

I. TYPE OF NOTIFICATION (O=Original R=Revised C=Canceled) O

II. FACILITY INFORMATION (Identify owner, removal contractor, and other operator)

OWNER NAME: THE PORT AUTHORITY OF NY & NJ

Address: ONE WORLD TRADE CENTER

City: NEW YORK | State: NY | Zip: 10048

Contact: U. MEHTA, FACILITY SUPERVISOR, WTC, ASB. OPS. | Tel: (212) 839-9454

REMOVAL CONTRACTOR: ASBESTOS CONTROL SERVICES INC.

Address: 523 ROUTE 303

City: ORANGEBURG | State: NY | Zip: 10962

Contact: MICHAEL ADAMS | Tel: (914) 365-0078

OTHER OPERATOR:

Address:

City: | State: | Zip:

Contact: | Tel:

III. TYPE OF OPERATION (D=Demo O=Ordered Demo R=Renovation E=Emergency) E

IV. IS ASBESTOS PRESENT? (yes/no) YES

V. FACILITY DESCRIPTION (include building name, number, floor and/or room number):

Bldg Name: ONE WORLD TRADE CENTER

Address: WORLD TRADE CENTER

City: NEW YORK | State: NY | County: MANHATTAN

Site Location: 17TH FLOOR

Building Size: 3.5 MIL SQ FT | # of Floors: 110 | Age in Years: 20

Present Use: COMMERCIAL | Prior Use: COMMERCIAL

VI. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: BULK SAMPLING WITH PLM ANALYSIS, TEM ANALYSIS OF

VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	NON-RACM To Be Removed	RACM To Be Removed	Nonfriable Asbestos Materials Not To BE Removed		Indicate Measurement
			Cat I	Cat II	
Pipes					Lnft:
Surface Area					SqFt:
Vol RACM Off Facility Component		SEE	ATTACHED		CuFt:4

VIII. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start: 11/05/92 Complete: 11/06/92

IX. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) Start: Complete:

U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF DEMOLITION AND RENOVATION
(continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:
H.E.P.A VACUUMING AND WET WIPING TECHNIQUES

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:
GENERAL ISOLATION, DUST CONTROL WITH WET METHODS

XII. WASTE TRANSPORTER #1

NAME: ALLEGRO CARTING INC. (SOLID WAST DISPOSAL)		
Address: 1024 JEFFERSON STREET		
City: HOBOKEN	State: NJ	Zip: 07030
Contact: VITO PESCE		Tel: (201)963-4111

WASTE TRANSPORTER #2

Name: N / A		
Address:		
City:	State:	Zip:
Contact:		Tel:

XIII. WASTE DISPOSAL SITE

Name: MEADOWFILL CORPORATION		
Location: ROUTE 3, BOX 563		
City: CLARKESBURG	State: WV	Zip: 26330
Telephone: (304) 842-2784		

XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW.

Name: N / A	Title:
Authority:	
Date of Order (MM/DD/YY):	Date Ordered to Begin (MM/DD/YY):

XV. FOR EMERGENCY RENOVATIONS

Date and Hour of Emergency (MM/DD/YY): 11/05/92 AT 8:30 PM

DESCRIPTION OF SUDDEN OR UNEXPECTED EVENT: WATER LEAK RESULTED IN DAMAGE TO NON-ASBESTOS CEILING TILE AND TO ASBESTOS CONTAINING FIREPROOFING

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden: FALLOUT OF ASBESTOS CONTAINING FIREPROOFING INTO OCCUPIED

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED OR REDUCED TO POWDER: ACM WILL BE WETTED AND CONTAINED, WORK AREA WILL BE HEPA VACCUM AND WET WIPED.

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION

Camille Dansin — (Signature of Owner/Operator)
11/6/92 — (Date)

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

Camille Dansin — (Signature of Owner/Operator)
11/6/92 — (Date)

Addendum to
USEPA Notification
for W.O. # 999.AAA

VII. Vol RACM Off Facility Component:
Ceiling Fireproofing, tiles debis.

BUCKSLIP

TO: Joseph Panebianco
FROM: Frank Boyce
DATE: May 7, 1991
SUBJ: CONTRACT WTC 115-224 WORK ORDER 999Z
EMERGENCY CLEANUP - 20TH FLOOR, ONE WORLD TRADE CENTER

COPY: C. Blackwell, J. Iglesias

On Saturday, May 4, 1991, a leak occurred on the 20th floor in the Gran Columbiana tenant space in One World Trade Center.

Please dispatch Asbestos Control Services, Inc. to perform such emergency cleanup work as required. All charges for this work should be against our WTC-999 work order, as part of Contract WTC 115.224.

Frank Boyce
Facility Asbestos Program Coordinator

/jc

BUCKSLIP

TO: Joseph Panebianco
FROM: Frank Boyce
DATE: February 5, 1991
SUBJECT: CONTRACT WTC-115.224 WORK ORDER # 999 W
EMERGENCY CLEAN-UP - SUITE 2409; One World Trade Center

REP:

COPY TO: C. Blackwell, T. Cancelliere, J. Iglesias

On Tuesday, February 5, 1991, Viking Sea Freight Inc., a tenant located in Suite 2409 in One World Trade Center, reported what they thought to be a fallout of ACM from their wall convector units. Immediate air monitoring was done in the premises.

Please dispatch Asbestos Control Services, Inc. to clean the area. All charges for this work should be against our WTC-999 work order, as part of Contract WTC- 115.224.

Frank Boyce

USE BLACK INK, ONLY !!

USE BLACK INK, ONLY

PORT AUTHORITY OF NEW YORK AND NEW JERSEY AIRBORNE FIBER SAMPLING PROGRAM

02/90

Abatement Related :
If yes, then:
Baseline .....
Monitoring ....
Final Air .....

FACILITY: 1 WTC AREA: 2409 DATE: 2/6/91

Sample Type: · Check one ·		Cassette Size: · Check one ·		Membrane Type: · Check one ·		Pore Size: · Check one ·		Analyzed by: · Check one ·	
Environmental	⋈	25 mm	⋈	MCE	⋈	0.8 um	⋈	PCM	⋈
Personal	( )	37 mm	( )	PC	( )	0.45 um	( )	TEM	( )
Other _____	( )	Other _____	( )	Other _____	( )	Other _____	( )		

Contract No.: WTC/115.2
Job No.: N/A
Rotometer Number: KD22

SAMPLE NUMBER	LOCATION / NAME	FLOW RATE (LITERS / MIN) INITIAL	FLOW RATE (LITERS / MIN) FINAL	TIME (24 HOUR FORMAT) ON	TIME (24 HOUR FORMAT) OFF	LAB NUMBER	RESULT (f/ Less Than
WTC 28588A	ENVIRONMENTAL AIR SAMPLE TAKEN IN ROOM 2409	15.0	15.0	1118	13.29	31596	0.006
WTC 28589A	BLANK	—	—	—	—	31597	N/A

COMMENTS: _____

ASBESTOS MANAGEMENT AND COMPLIANCE DIVISION REPRESENTATIVE(S): _____

AM & CO, PA CONSULTANT GARY MASON FIRM: KED

* Results reported as "LESS THAN" are for upper 95% confidence interval (i.e., "EMPLOYERS TEST FOR CONFIDENCE").

PA 2265
11-72

The Port Authority of New York and New Jersey
HAND-WRITTEN MEMORANDUM

To: Kelly Avenoso

From: Uday Mehta

Date: 03/02/94

Subject: ONE WORLD TRADE CENTER, 19TH FLOOR CEILING TILES REPAIR

C.C. A. NIEDERMEYER, R. Peluto.

On March 1st 1994 @ 03:00 p.m. L. Vernon of Engg. Design Div (Suite 1903) informed me about some repair's activities of ceiling tiles and some tiles being found in waste dumpsters on the 19th floor. K Avenoso of offpc of Envt. also informed me of the same were being observed by occupants on the floor. I proceeded to the floor, inspected the core and perimeter spaces and observed only the dumpsters with tiles placed in them. There was visible fireproofing debris in the dumpsters. @ 4:00 p.m. two workers, from Plants and structures Div. (MIKE LEE AND HARB TERBEICH) employees of National Engg Inc were questioned about the work. They informed me about the issuance of work order (copy attached) indicating Suites 1933 and 1961 as work site locations. They mentioned that they had completed work in suite 1933. They denied any knowledge of ACM fireproofing in the plenum. Based on my conversation with F. Boyce of World Trade Dept and Marty (supervisor for National Engg.) The workers were advised to return to their shop after putting the dumpsters in the Freight Elevator lobby. A 'do not remove' Sign was posted on dumpsters. ACS (Certified Asbestos Contractor) was informed of properly containerizing and disposing of all material in dumpsters as ACM contaminated. The work was completed in Second Shift. on 03/02 A. Niedermeyer was briefed on the issue who met with [redacted] of Plants and structure and F. Boyce to verify work order and if possible avoid any future Misunderstanding / potential disturbance of ACM.

Signature _____

I have read and am familiar with this report _____

SUPERVISOR – SUPERIOR

(TO BE USED FOR HANDWRITTEN REPORTS ONLY)

BUCKSLIP

TO: Joe Panebianco, Supv. Eng. Rm 3861
FROM: Frank Boyce
DATE: November 21, 1989
SUBJECT: WTC - CONTRACT 115.224 - WORK ORDER # 999 F

REF:

COPY TO: C. Blackwell, W. Stone

On Tuesday, 11/21/89, an immediate response condition was reported to this office by AMCD Supervisor Mike Denisen. The area in question is the One World Trade Center, B2 Subgrade level steam riser closet, which is contains fallout from higher inaccessible beams.

I met with Asbestos Control Services, Inc. and walked through the area. Clean-up procedures were scheduled post haste to be completed by this afternoon.

All charges for this work should be against our WTC-999 work order as part of Contract 115.224

Frank Boyce

BUCKSLIP

TO: Joseph Panebianco
FROM: Frank Boyce
DATE: January 16, 1990
SUBJECT: VTC - CONTRACT 115.224 - WORK ORDER # 999 G
FLOOD CLEANUP 01/13 - 14/90 FLOORS 23-28

REF:

COPY TO: C. BLACKWELL

On Saturday 1/13/90, a flood occurred on the 28th floor in One World Trade Center and caused damage to the tenants on the 27th, 26th, 25th, 24th, and 23rd floors.

In order to clean-up the area, which contains ACM, I called Asbestos Control Services to perform this emergency work.

All clean-up procedures were in accordance with methods outlined by Phil Taylor and Mike Denisen.

All charges for this work should be against our WTC-999 work order as part of Contract 115.224.

Frank

THE PORT AUTHORITY OF NY&NJ

Memorandum

To: Frank Boyce, Project Administrator, World Trade Center
From: Charles L. Agro
Date: August 9, 1990
Subject: ONE WORLD TRADE CENTER, ELEVATOR CARS: IMMEDIATE RESPONSE CONDITION (IRC) NOTIFICATION

Copy To: K. Apgar, J.E. Davison, M. Denisen, M. Jakubek, J. Panebianco, H.R. Pool, Jr., P. Taylor

Relative to the Asbestos Management and Compliance Division's (AM&CD) asbestos re-survey at the World Trade Center, the following site has been designated to be IRC as of Wednesday, August 1, 1990:

Location:	Area:
1 WTC Elevator Shafts 10 & 11	Top of Cars
1 WTC Elevator Shafts 51 & 52	Top of Cars
1 WTC Elevator Shafts 66 & 67	Top of Cars
1 WTC Elevator Shaft 74	Top of Cars

At your request air sampling will be taken at the above location(s) by the AM&CD.

An IRC exists if there is an unavoidable risk potential due to the disturbance of asbestos fallout material separated from initial installation, deteriorated condition of existing asbestos material, high risk of contact and/or the possibility of causing unacceptable levels of airborne asbestos fibers in areas frequented by employees and/or patrons. Air sampling is initiated in all areas rated as IRC. Re-designation of these locations will take place after remedial steps are taken to eliminate the Immediate Response Condition. Follow-up inspections and notifications related to these areas will occur as necessary.

We are available to provide you with any assistance you may need on this matter. If you have any questions, please contact me at JSTC 201-963-7473.

On Wednesday, August 1, 1990, notification have been made to Mr. Frank Boyce, with recommendations presented for remedial action.

Charles L. Agro, Supervisor
Asbestos Operations
Asbestos Management and Compliance Division

MD/daw

B U C K S L I P

To: Kelly Avenoso, Administrator, Asbestos Management Division
From: Harry R. Pool Jr.
Date: December 28, 1992
Subject: WORLD TRADE CENTER WATER LEAK and ASSOCIATED ASBESTOS MATERIAL

Copy to: N. Chanfrau, J. Davison, A. Niedermeyer, M. Jakiebek, P. Leahy

At approximately 11:00 p.m. Christmas eve, December 24, 1992, I received a telephone call from Ann Braue, World Trade Operations, notifying me there was a serious water leak involving the nineth floor, an asbestos floor and requesting assistance because she was unable to contact Frank Boyce. I provided the home phone numbers of Al Niedermeyer and Mark Jakubek and told her if she needed further assistance to call me back.

I later learned she was able to reach Al Niedermeyer and the emergency situation was properly monitored.

Harry

Harry R. Pool Jr., Manager
Standards and Compliance

THE PORT AUTHORITY OF NY & NJ

Port Authority Technical Center
241 Erie Street-Suite 306A
Jersey City, N.J. 07310-1397

Asbestos Management Division
(201) 216-2772

Copy of Original
EPA

999-999

December 28, 1992

United States Environmental Protection Agency
Air Compliance Branch
26 Federal Plaza, Room #500
New York, New York 10278
Attn: NESHAPS COORDINATOR

RE: WORLD TRADE CENTER - EMERGENCY NOTIFICATION
Building 2 - 7th Floor M.E.R. - S/W and N/E Sections

Gentlemen:

This is to inform you that an emergency cleanup activity occurred at the above referenced location on 12/26/92 and 12/27/92. Accidental flooding occurred on the 9th floor and caused delamination of fireproofing on the deck of the 7th and 8th floors of the M.E.R. which was found on the floor and various equipment surfaces.

The project involved cleanup methods utilizing HEPA vacuuming and wet cleaning under general isolation of all the visible fallout material on the floor and machine surfaces, including air handling units, duct work, pumps, and instrumentation. Thirty-Six bags of waste was generated and were stored in 40 cu yd. secured dumpster on site. Your anticipated cooperation in this matter is greatly appreciated.

Kindly contact me if you have any questions.

Sincerely,

for Philip G. Leahy
Manager,
Asbestos Management Division
The Port Authority of NY & NJ

cc: Project File
Notification File

PGL/mt

TWO WORLD TRADE CENTER
FLOOR: 7

AREA NUMBER	SAMPLE NUMBER	LOCATION	RESULT
1274	2WTC-1274E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.12 DUCT UNIT.	20% CHRYSOTILE ASBESTOS
1274	2WTC-1274I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.12 DUCT UNIT.	1% CHRYSOTILE ASBESTOS *
1273	2WTC-1273E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.12 UNIT.	40% CHRYSOTILE ASBESTOS
1273	2WTC-1273I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.12 UNIT.	5% CHRYSOTILE ASBESTOS
1276	2WTC-1276E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.12 UNIT.	20% CHRYSOTILE ASBESTOS
1276	2WTC-1276I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.12 UNIT.	1% CHRYSOTILE ASBESTOS *
5191	2WTC-05191	CEMENTITIOUS INSULATION MATERIAL TROWELED ON A BEAM IN THE SOUTHWEST RETURN AIR PLENUM.	30% CHRYSOTILE ASBESTOS
*	2WTC-05193	FLUFFY INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.9 UNIT.	20% CHRYSOTILE ASBESTOS
5194	2WTC-05194	FLUFFY INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.9 UNIT.	20% CHRYSOTILE ASBESTOS
5195	2WTC-05195	FLUFFY INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.9 UNIT.	30% CHRYSOTILE ASBESTOS

* NOTE: Non Asbestos Containing Material as per USEPA - see note on page 384

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NUMBER	SAMPLE NUMBER	LOCATION	RESULT
1264	2WTC-02411	FLUFFY INSULATION MATERIAL FROM A HEAT TRANSFER PIPE COUPLING LOCATED INSIDE ACR 7 1+2 NORTH AND SOUTH RISERS.	NON ASBESTOS
1264	2WTC-02412	FLUFFY CEMENTITIOUS HEAT TRANSFER PIPE INSULATION ON ELBOW OF 8" PIPE EXPOSED INSIDE ACR 7 1+2 NORTH AND SOUTH RISERS	40% CHRYSOTILE ASBESTOS 40% AMOSITE ASBESTOS
1264	2WTC-02413	FLUFFY INSULATION MATERIAL FROM A 8" O.D. HEAT TRANSFER PIPE LOCATED ACR 7 1+2 NORTH AND SOUTH STEAM RISERS.	30% CHRYSOTILE ASBESTOS 30% AMOSITE ASBESTOS
1265	2WTC-1265E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM IN THE ACR 7.9 UNIT.	20% CHRYSOTILE ASBESTOS
1265	2WTC-1265I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM IN THE ACR 7.9 UNIT.	1% CHRYSOTILE ASBESTOS *
1266	2WTC-01266	CEMENTITIOUS INSULATION MATERIAL TROWELED ON A BEAM AT THE ACR 7.3 UNIT.	5% CHRYSOTILE ASBESTOS
1267	2WTC-01267	AIR-CELL INSULATION MATERIAL ON A STEAM PIPE IN THE ACR 7.3 UNIT.	60% CHRYSOTILE ASBESTOS
1269	2WTC-1269E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.14 UNIT.	60% CHRYSOTILE ASBESTOS
	2WTC-1269I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.14 UNIT.	5% CHRYSOTILE ASBESTOS
1270	2WTC-1270E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.14 DUCT UNIT.	30% CHRYSOTILE ASBESTOS
1270	2WTC-1270I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.14 DUCT UNIT.	20% CHRYSOTILE ASBESTOS
1271	2WTC-1271E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.14 DUCT UNIT.	15% CHRYSOTILE ASBESTOS
1271	2WTC-1271I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.14 DUCT UNIT.	1% CHRYSOTILE ASBESTOS *
1272	2WTC-1272E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.14 DUCT UNIT.	30% CHRYSOTILE ASBESTOS
1272	2WTC-1272I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.14 DUCT UNIT.	1% CHRYSOTILE ASBESTOS *
1273	2WTC-1273E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.12 DUCT UNIT.	15% CHRYSOTILE ASBESTOS
1273	2WTC-1273I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.12 DUCT UNIT.	1% CHRYSOTILE ASBESTOS *

* NOTE. Non Asbestos Containing Material as per USEPA - see note on page 386.

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SAMPLE NUMBER	PLI NUMBER	LOCATION	RESULT
1251	2WTC-1251E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A JOIST ABOVE THE ACS 7.9 UNIT.	30% CHRYSOTILE ASBESTOS
1251	2WTC-1251I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A JOIST ABOVE THE ACS 7.9 UNIT.	NON ASBESTOS
1252	2WTC-1252E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.9 UNIT.	45% CHRYSOTILE ASBESTOS
1252	2WTC-1252I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.9 UNIT.	5% CHRYSOTILE ASBESTOS
1253	2WTC-1253E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.9 UNIT.	40% CHRYSOTILE ASBESTOS TRACE AMOSITE ASBESTOS
1253	2WTC-1253I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.9 UNIT.	1% CHRYSOTILE ASBESTOS *
1254	2WTC-01254	FLUFFY INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.9 UNIT.	20% CHRYSOTILE ASBESTOS
1262	2WTC-1262E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACR 7.9 UNIT.	20% CHRYSOTILE ASBESTOS
1262	2WTC-1262I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACR 7.9 UNIT.	1% CHRYSOTILE ASBESTOS *
1263	2WTC-02414	CEMENTITIOUS INSULATION MATERIAL TROWELED ON A BEAM IN THE SOUTHWEST RETURN AIR PLENUM.	5% CHRYSOTILE ASBESTOS
1263	2WTC-02415	CEMENTITIOUS INSULATION MATERIAL TROWELED ON A BEAM IN THE SOUTHWEST RETURN AIR PLENUM.	20% CHRYSOTILE ASBESTOS
1263	2WTC-02416	FLUFFY INSULATION MATERIAL SPRAYED ON A BEAM IN THE SOUTHWEST RETURN AIR PLENUM.	10% CHRYSOTILE ASBESTOS
1263	2WTC-1263E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE SOUTHWEST RETURN AIR PLENUM.	30% CHRYSOTILE ASBESTOS
1263	2WTC-1263I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE SOUTHWEST RETURN AIR PLENUM.	40% CHRYSOTILE ASBESTOS
1264	2WTC-01264	FLUFFY INSULATION MATERIAL FROM A STEAM PIPE AT THE ACR 7.9 UNIT.	40% AMOSITE ASBESTOS 1% CHRYSOTILE ASBESTOS
1264	2WTC-02409	FLUFFY INSULATION MATERIAL FROM A 8" O.D. HEAT TRANSFER PIPE INSIDE ACR 7.1 AND 2 RISERS.	30% CHRYSOTILE ASBESTOS 30% AMOSITE ASBESTOS
	2WTC-02410	CEMENTITIOUS INSULATION MATERIAL FROM A 8" O.D. HEAT TRANSFER PIPE ELBOW INSIDE THE ACR 7.1 AND 2 RISERS.	30% CHRYSOTILE ASBESTOS 30% AMOSITE ASBESTOS

* NOTE: Non Asbestos Containing Material as per USEPA - see note on page 386.

TWO WORLD TRADE CENTER

FLOOR: 7

AREA NUMBER	SAMPLE NUMBER	LOCATION	RESULT
1235	2WTC-1235E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACR 7.10 UNIT.	50% CHRYSOTILE ASBESTOS
1235	2WTC-1235I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACR 7.10 UNIT.	3% CHRYSOTILE ASBESTOS
1236	2WTC-01236	CEMENTITIOUS PRE-MOLDED INSULATION MATERIAL FROM A HEAT TRANSFER PIPE ABOVE THE ACR 7.10 UNIT.	20% AMOSITE ASBESTOS
1237	2WTC-1237E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACR 7.10 UNIT.	50% CHRYSOTILE ASBESTOS
1237	2WTC-1237I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACR 7.10 UNIT.	NON ASBESTOS
1238	2WTC-1238E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM IN THE SOUTHEAST RETURN AIR PLENUM.	60% CHRYSOTILE ASBESTOS
1238	2WTC-1238I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM IN THE SOUTHEAST RETURN AIR PLENUM.	3% CHRYSOTILE ASBESTOS
	2WTC-1239E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM IN THE SOUTHEAST RETURN AIR PLENUM.	30% CHRYSOTILE ASBESTOS
1239	2WTC-1239I	FLUFFY INSULATION MATERIAL SPRAYED ON A BEAM IN THE ACR 7 S.E. ROOM.	10% CHRYSOTILE ASBESTOS
1242	2WTC-1242E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.13 UNIT.	60% CHRYSOTILE ASBESTOS
1242	2WTC-1242I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.13 UNIT.	10% CHRYSOTILE ASBESTOS
1243	2WTC-1243E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.13 UNIT.	50% CHRYSOTILE ASBESTOS
1243	2WTC-1243I	FLUFFY INSULATION MATERIAL ON THE METAL DECK ABOVE ACS 7.13 B.	3% CHRYSOTILE ASBESTOS
1245	2WTC-1245E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.13 UNIT.	40% CHRYSOTILE ASBESTOS
1245	2WTC-1245I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.13 UNIT.	1% CHRYSOTILE ASBESTOS *
1247	2WTC-1247E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.13 UNIT.	15% CHRYSOTILE ASBESTOS
1247	2WTC-1247I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.13 UNIT.	NON ASBESTOS

* NOTE. Non Asbestos Containing Material as per USEPA - see note on page 386

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FLOOR: 7

NUMBER	SAMPLE NUMBER	LOCATION	RESULT
1221	2WTC-12211	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE AIR DUCT OF THE 7.21 UNIT.	1% CHRYSOTILE ASBESTOS *
1222	2WTC-1222E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE AIR DUCT OF THE 7.21 UNIT.	40% CHRYSOTILE ASBESTOS
1222	2WTC-1222I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE AIR DUCT OF THE 7.21 UNIT.	5% CHRYSOTILE ASBESTOS
1224	2WTC-01224	FLUFFY FALLOUT MATERIAL ON TOP OF DUCT ABOVE THE E 7.21 UNIT.	30% CHRYSOTILE ASBESTOS
1226	2WTC-01226	FLUFFY FALLOUT MATERIAL ON TOP OF THE DUCT ABOVE THE E 7.21 UNIT.	30% CHRYSOTILE ASBESTOS
1227	2WTC-01227	FLUFFY FALLOUT MATERIAL ON TOP OF DUCT ABOVE THE E 7.21 UNIT.	50% CHRYSOTILE ASBESTOS
1229	2WTC-1229E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE SOUTHEAST ACS 7.8 UNIT.	30% CHRYSOTILE ASBESTOS
1229	2WTC-1229I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE SOUTHEAST ACS 7.8 UNIT.	3% CHRYSOTILE ASBESTOS
1230	2WTC-1230E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.8 UNIT.	50% CHRYSOTILE ASBESTOS
1230	2WTC-1230I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.8 UNIT.	NON ASBESTOS
1231	2WTC-1231E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A JOIST ABOVE THE ACS 7.11 UNIT.	30% CHRYSOTILE ASBESTOS
1231	2WTC-1231I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A JOIST ABOVE THE ACS 7.11 UNIT.	10% CHRYSOTILE ASBESTOS
1232	2WTC-1232E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.11 UNIT.	40% CHRYSOTILE ASBESTOS
1232	2WTC-1232I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACS 7.11 UNIT.	3% CHRYSOTILE ASBESTOS
1233	2WTC-1233E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.11 UNIT.	15% CHRYSOTILE ASBESTOS
1233	2WTC-1233I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE ACS 7.11 UNIT.	15% CHRYSOTILE ASBESTOS
1234	2WTC-1234E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACR 7.10 UNIT.	60% CHRYSOTILE ASBESTOS
	2WTC-1234I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE ACR 7.10 UNIT.	1% CHRYSOTILE ASBESTOS *

* NOTE: Non Asbestos Containing Material as per USEPA - see note on page 386

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FLOOR: 7

NUMBER	SAMPLE NUMBER	LOCATION	RESULT
1107	2WTC-01107	FLUFFY INSULATION MATERIAL SPRAYED ON A BEAM ABOVE 13800 VOLT ROOM.	5% CHRYSOTILE ASBESTOS
1108	2WTC-01108	FLUFFY INSULATION MATERIAL SPRAYED ON A TRUSS ABOVE THE 13800 VOLT ROOM.	5% CHRYSOTILE ASBESTOS
1139	2WTC-01139	FLUFFY INSULATION MATERIAL SPRAYED ON A BEAM ABOVE EXHAUST FAN E 7.21 UNIT.	5% CHRYSOTILE ASBESTOS
1142	2WTC-01142	FLUFFY INSULATION MATERIAL SPRAYED ON A COLUMN ABOVE EXHAUST FAN E 7.21 UNIT.	5% CHRYSOTILE ASBESTOS
1143	2WTC-01143	FLUFFY INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE EXHAUST FAN E 7.21 UNIT.	5% CHRYSOTILE ASBESTOS
1144	2WTC-01144	FLUFFY INSULATION MATERIAL SPRAYED ON A BEAM ABOVE EXHAUST FAN E 7.21 UNIT.	10% CHRYSOTILE ASBESTOS
1216	2WTC-1216E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE E 7.21 UNIT.	20% CHRYSOTILE ASBESTOS
1216	2WTC-1216I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE E 7.21 UNIT.	1% CHRYSOTILE ASBESTOS *
	2WTC-1217E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A JOIST ABOVE E 7.21 UNIT.	20% CHRYSOTILE ASBESTOS
1217	2WTC-1217I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A JOIST ABOVE THE 7.21 UNIT.	1% CHRYSOTILE ASBESTOS *
1218	2WTC-1218E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE E 7.21 UNIT.	20% CHRYSOTILE ASBESTOS
1218	2WTC-1218I	FLUFFY INTERIOR LAYTER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE COLD WATER PIPE AT THE E 7.21 UNIT.	1% CHRYSOTILE ASBESTOS *
1219	2WTC-1219E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE E 7.21 UNIT.	80% CHRYSOTILE ASBESTOS
1219	2WTC-1219I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE E 7.21 UNIT.	1% CHRYSOTILE ASBESTOS *
1220	2WTC-1220E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE AIR DUCT OF THE E 7.21 UNIT.	30% CHRYSOTILE ASBESTOS
1220	2WTC-1220I	FLUFFY INTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON THE METAL DECK ABOVE THE AIR DUCT OF THE ACS 7.21 UNIT.	1% CHRYSOTILE ASBESTOS *
1221	2WTC-1221E	FLUFFY EXTERIOR LAYER OF INSULATION MATERIAL SPRAYED ON A BEAM ABOVE THE AIR DUCT OF THE E 7.21 UNIT.	15% CHRYSOTILE ASBESTOS

* NOTE: Non Asbestos Containing Material as per USEPA - see note on page 386.

TO: CAMILLE
FROM: PHIL
DATE: 12/28/92
SUBJECT: EPA O&M NOTIFICATION AND PA-AHERA REQUEST
COPY: KELLY, DICK

Please find attached a copy of the notification letter which AMD sent to the EPA notifying them as to our 1992 asbestos O&M activities. Please review, revise where needed, and mail to the EPA the notification for our 1993 O&M projects.

As it relates to the preparation of the PA-AHERA manual, in our last correspondence dated 10/1/92, you informed me that you are awaiting the revised lab procedures from David. I would appreciate it if you would send me what you have so that I can start putting the manual together. I can always insert the lab documents as they become ready. Thanks.

12/29/92

Maridza-

Please send Phil a copy of the EPA notification regarding O&M in '93. You sent it last week

-Kelly

cc: Camille